



PROJECT: Calumet River and Harbor, IL & IN

AUTHORIZATION: Rivers and Harbors Act of 1870 for the original construction. Most recent modification was authorized by the Rivers and Harbors Act of 1965.

DESCRIPTION: Operations and maintenance: 2 miles of breakwater, 3,200 feet wide and 1.8 miles long approach channel at -29.0 ft. L.W.D.; 3,000 feet wide and 2 miles wide harbor channel at -28.0 ft. L.W.D.; 8 miles of federal navigation channel at -27.0 ft. L.W.D.; three turning basins; a confined disposal facility with a design storage capacity of 1.4M cubic yards; a garage facility; and a stone dock.

Channel: Maintenance dredging of the river portion of the project has been completed. Maintenance dredging of the harbor portion of the project will begin in FY 2001 and continue into FY 2002. Currently some ships are light loading to allow for the near record low levels on Lake Michigan. Disposal of all material will be in the Chicago Area CDF.

CDF: The CDF is now approximately 30% full. The current dredging will fill the CDF to between 50% and 60% of capacity. The CDF dike is being repaired and maintained using a combination of contracted repair and hired labor maintenance crews.

Breakwaters: The attached portion of the Breakwater was rehabbed by conversion from Timber Crib and Stone Cap design to Rubble Mound design in the mid-1980's. The detached breakwater is stone filled steel sheet-pile construction. It is subject to deterioration. Repairs to the most critical areas by conversion to stone fill will be done in FY 2001.

Stone Dock: The current stone dock is included in a new manufacturing facility and creation of a new lakefront park. The City of Chicago has located a suitable replacement site and negotiations are near completion for a land swap. While the swap is equitable in terms of appraisal dollars, improvements to the new site, including the dock face, are necessary to achieve effective utilization. Funds budgeted for dock maintenance are being used for investigation and design of needed improvements. Illinois Regional Port District is providing temporary stone storage areas.

Garage: The current garage is marginally meeting the District's needs. The new stone dock site is adjacent to the garage and a new building is included in the land swap negotiations.

FY 01 WORK: (\$3,032,000)

- Complete dredging river and initiate dredging harbor.
- Repair CDF dike.
- Negotiate stone dock swap

FY 02 WORK: (\$3,709,000)

- Complete harbor dredging.
- Initiate upgrade of new stone dock.

PROJECT COSTS: N/A.

PROJECT COMPLETION: N/A.

LOCAL SPONSOR: For the CDF: Illinois Regional Port District and Chicago Park District; Remainder of project: N/A

ISSUES/CONCERNS:

- Low Lake levels are magnifying the need for dredging in both the river and harbor.
- Work is necessary on the new Stone Dock at Southworks plant site for it to be effectively used.
- The rate at which the CDF is being filled will become an issue soon, driving a need for intensive management of the material and identification of beneficial uses.